

## INTERNATIONAL SEARCH REPORT

International application No. PCT/CN03/00632

A. CLASSIFICATION OF SUBJECT MATTER	
· · · · · · · · · · · · · · · · · · ·	C7 H04L12/28
According to International Patent Classification (IPC) or to	both national classification and IPC
B. FIELDS SEARCHED	
Minimum documentation searched (classification system fo	ollowed by classification symbols)
IPG7 H04L1	
Documentation scarched other than minimum documentation	on to the extent that such documents are included in the fields searched
Electronic data base consulted during the international sear	ch (name of data base and, where practicable, search terms used)
WPI, E	EPODOC, PAJ, CNPAT
C. DOCUMENTS CONSIDERED TO BE RELEVANT	
Category* Citation of document, with indication,	where appropriate, of the relevant passages Relevant to claim No.
A CN.A.1249587(LUCENT TECHNOLO see the whole document, figure 3	GIES INC)5.April 2000, 1-21
A CN,A,1316147(SAMSUNG ELECTRO see the whole document ,figure 3	NICS CO LTD)3.October 2001, 1-21
A US,B1, 6229806 (MOTOROLA INC) see the whole document figure 1 2	8.May 2001, 1-21
A WO,A1,0209345(GEMPLUS)1.January	/ 2002, see the whole document 1-21
EP,A2,1098489(NOKIA CORP)9.May:  See the whole document ,figure 4. 6	2001,
A See the whole document, figure 1. 8	. October 2001,
Further documents are listed in the continuation of B	ox C. 🗵 See patent family annex.
Special categories of cited documents:	"T" later document published after the international filing date
"A" document defining the general state of the art which considered to be of particular relevance	is not or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after international filing date	"X" document of particular relevance; the claimed invention
"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another "Y" document of particular relevance: the claims	
citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibiting	cannot be considered to involve an inventive sten when the
other means  "P" document published prior to the international filing but later than the priority date claimed	documents, such combination being obvious to a person skilled in the art
Date of the actual completion of the international search 18. Sep.2003 (18.09.03)	Date of mailing of the international search report  2 3 OCT 2003 (2.3, 1.0.0.3)
Name and mailing address of the ISA/CN	Authorized officer
6 Xitucheng Rd., Jimen Bridge, Haidian District, 100088 Beijing, China Facsimile No. 86-10-62019451	HU,Xiangli
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## INTERNATIONAL SEARCH REPORT Information on patent family members

International application No. PCT/CN03/00632

Patent document Cited in search report	Publication date		
		Patent family member(s)	Publication date
CN1249587A	05.04.00	KR2000012072A	25.02.00
		BR9902804A	28.03.00
		JP2000106553A	11.04.00
	i i	EP0998095A	03.05.00
		TW429721B	11.04.01
CN1316147A	03.10.01	NONE	
US6229806B1	08.05.01	NONE	
WO0209345A	31.01.02	FR2812509A1	01.02.02
	į	AU7853901A	05.02.02
	,	EP1307994A1	07.05.03
EP1098489A2	09.05.01	JP2001204055A	27.07.01
JP2001285956A	12.10.01	JP2003101780A	04.04.03

Form PCT/ISA/210 (patent family annex) (July 1998)